

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	39	((OSAMU) near2 (KAWAMAE)). INV.	US-PGPUB; USPAT	OR	ON	2006/09/06 16:38
S2	23	((TAKU) near2 (HOSHIZAWA)). INV.	US-PGPUB; USPAT	OR	ON	2006/09/05 10:13
S3	93	((OSAMU) near2 (KAWAMAE)). INV.	EPO; JPO; DERWENT	OR	ON	2006/09/05 10:13
S4	2	((TAKU) near2 (HOSHIZAWA)). INV.	EPO; JPO; DERWENT	OR	ON	2006/09/05 10:13
S5	50	S1 or S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 14:42
S6	93	S3 or S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 10:14
S9	177	369/47.3.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 08:22
S11	114	369/47.31.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 15:00
S16	98120	"369".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 15:02
S20	6147	TOC or "table of contents"	US-PGPUB; USPAT	OR	ON	2006/09/06 10:09
S23	21106	start near2 address	US-PGPUB; USPAT	OR	ON	2006/09/05 15:31
S24	14328	end near2 address	US-PGPUB; USPAT	OR	ON	2006/09/05 15:05
S25	4221	S23 WITH S24	US-PGPUB; USPAT	OR	ON	2006/09/11 07:41

## EAST Search History

S27	209	S25 WITH S20	US-PGPUB; USPAT	OR	ON	2006/09/05 15:44
S28	172	S27 and S16	US-PGPUB; USPAT	OR	ON	2006/09/07 15:44
S32	31	S25 WITH S20 WITH manage\$5	US-PGPUB; USPAT	OR	ON	2006/09/05 15:45
S33	20	S32 and S16	US-PGPUB; USPAT	OR	ON	2006/09/05 15:18
S34	6634	(start near2 position) with (end near2 position)	US-PGPUB; USPAT	OR	ON	2006/09/05 15:32
S35	30	S34 with S20 with manage\$5	US-PGPUB; USPAT	OR	ON	2006/09/05 16:11
S36	16	S35 and S16	US-PGPUB; USPAT	OR	ON	2006/09/05 15:33
S39	141	(S25 or S34) SAME S20 SAME manage\$5	US-PGPUB; USPAT	OR	ON	2006/09/05 15:46
S40	107	S39 and S16	US-PGPUB; USPAT	OR	ON	2006/09/05 15:47
S41	87	S40 not S33	US-PGPUB; USPAT	OR	ON	2006/09/05 15:47
S43	10	"6904008"	US-PGPUB; USPAT	OR	ON	2006/09/05 16:11
S45	1382642	TOC or table	US-PGPUB; USPAT	OR	ON	2006/09/06 10:09
S46	21106	start near2 address	US-PGPUB; USPAT	OR	ON	2006/09/06 10:11
S47	14328	end near2 address	US-PGPUB; USPAT	OR	ON	2006/09/06 10:11
S48	4221	S46 WITH S47	US-PGPUB; USPAT	OR	ON	2006/09/06 10:11
S49	778	S48 WITH S45	US-PGPUB; USPAT	OR	ON	2006/09/06 10:12
S50	960419	manag\$6 or updat\$4 or manipulat\$5	US-PGPUB; USPAT	OR	ON	2006/09/06 11:36
S51	274	S48 WITH S45 WITH S50	US-PGPUB; USPAT	OR	ON	2006/09/06 10:13
S52	98120	"369".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/06 10:13
S53	67	S51 and S52	US-PGPUB; USPAT	OR	ON	2006/09/06 10:13

## EAST Search History

S54	1	10/663365	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/06 11:16
S55	18	("5706262"   "5774434"   "5790484"   "5805544").PN. OR ("6088304").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/06 11:32
S58	44624	S50 near3 S45	US-PGPUB; USPAT	OR	ON	2006/09/06 11:38
S59	11911	update near2 S45	US-PGPUB; USPAT	OR	ON	2006/09/06 11:38
S60	103	S59 and S52	US-PGPUB; USPAT	OR	ON	2006/09/06 11:38
S61	39	(update near2 TOC) and "369". clas.	US-PGPUB; USPAT	OR	ON	2006/09/06 14:09
S67	10	header near10 NVM	US-PGPUB; USPAT	OR	ON	2006/09/06 14:13
S71	3408	(TOC or table) near10 (NVM or (("non-volatile" or "non volatile" or nonvolatile) near2 memory))	US-PGPUB; USPAT	OR	ON	2006/09/06 14:15
S72	4033	(TOC or table) WITH (NVM or (("non-volatile" or "non volatile" or nonvolatile) near2 memory))	US-PGPUB; USPAT	OR	ON	2006/09/06 14:16
S73	74	S72 and S52	US-PGPUB; USPAT	OR	ON	2006/09/06 14:16
S74	22	TOC WITH (NVM or (("non-volatile" or "non volatile" or nonvolatile) near2 memory))	US-PGPUB; USPAT	OR	ON	2006/09/11 08:25
S80	82750	(write near2 once) or WORM or CD-R	US-PGPUB; USPAT	OR	ON	2006/09/07 15:45
S81	98163	"369".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/07 15:45
S82	6156	TOC or "table of contents"	US-PGPUB; USPAT	OR	ON	2006/09/07 15:45
S83	21132	start near2 address	US-PGPUB; USPAT	OR	ON	2006/09/07 15:45
S84	14345	end near2 address	US-PGPUB; USPAT	OR	ON	2006/09/07 15:45
S85	4227	S83 WITH S84	US-PGPUB; USPAT	OR	ON	2006/09/07 16:52

## EAST Search History

S86	209	S85 WITH S82	US-PGPUB; USPAT	OR	ON	2006/09/07 16:52
S87	172	S86 and S81	US-PGPUB; USPAT	OR	ON	2006/09/07 15:52
S89	65	S86 and S81 and S80	US-PGPUB; USPAT	OR	ON	2006/09/11 07:36
S90	4	S89 and flag	US-PGPUB; USPAT	OR	ON	2006/09/07 16:50
S91	4646	S83 same S84	US-PGPUB; USPAT	OR	ON	2006/09/07 16:52
S92	291	S85 same S82	US-PGPUB; USPAT	OR	ON	2006/09/07 16:52
S94	177	369/47.3.ccls.	US-PGPUB; USPAT	OR	ON	2006/09/11 07:37
S96	719	369/59.25.ccls.	US-PGPUB; USPAT	OR	ON	2006/09/11 07:37
S97	57016	((start\$3 or begin\$8 or end\$4) near3 address)	US-PGPUB; USPAT	OR	ON	2006/09/11 15:14
S98	310	S97 and (S96 or S94)	US-PGPUB; USPAT	OR	ON	2006/09/11 15:16
S99	21132	start near2 address	US-PGPUB; USPAT	OR	ON	2006/09/11 07:41
S10 0	14345	end near2 address	US-PGPUB; USPAT	OR	ON	2006/09/11 07:41
S10 1	4227	S99 WITH S100	US-PGPUB; USPAT	OR	ON	2006/09/11 07:41
S10 2	4227	S101	US-PGPUB; USPAT	OR	ON	2006/09/11 07:42
S10 3	74	S102 and (S94 or S96)	US-PGPUB; USPAT	OR	ON	2006/09/11 10:34
S10 4	82750	(write near2 once) or WORM or CD-R	US-PGPUB; USPAT	OR	ON	2006/09/11 08:26
S10 5	36	S103 and S104	US-PGPUB; USPAT	OR	ON	2006/09/11 08:06
S10 6	118762	NVM or ("non-volatile" or "non volatile" or nonvolatile) near2 memory)	US-PGPUB; USPAT	OR	ON	2006/09/11 08:25
S10 7	2	S105 and S106	US-PGPUB; USPAT	OR	ON	2006/09/11 08:41
S10 8	5	S103 and S106	US-PGPUB; USPAT	OR	ON	2006/09/11 08:41
S10 9	8	S103 and PMA	US-PGPUB; USPAT	OR	ON	2006/09/11 11:46

## EAST Search History

S11 0	3	("20020172117" "20030067859" "5838658").PN.	US-PGPUB; USPAT	OR	ON	2006/09/11 13:47
S11 1	22692	((reset or updat\$5) near3 flag)	US-PGPUB; USPAT	OR	ON	2006/09/14 15:20
S11 2	3	S111 and S103	US-PGPUB; USPAT	OR	ON	2006/09/11 13:50
S11 3	29	flag and S103	US-PGPUB; USPAT	OR	ON	2006/09/11 13:54
S11 4	60	direction and S103	US-PGPUB; USPAT	OR	ON	2006/09/11 13:55
S11 5	30	direction and S105	US-PGPUB; USPAT	OR	ON	2006/09/11 13:55
S11 6	48328	((start\$3 or begin\$8 or end\$4) near2 address)	US-PGPUB; USPAT	OR	ON	2006/09/11 15:14
S11 7	289	S116 and (S96 or S94)	US-PGPUB; USPAT	OR	ON	2006/09/11 15:16
S11 8	1834	direction near2 flag	US-PGPUB; USPAT	OR	ON	2006/09/12 08:25
S11 9	103	S118 and "369".clas.	US-PGPUB; USPAT	OR	ON	2006/09/12 08:22
S12 0	178	369/47.3.ccls.	US-PGPUB; USPAT	OR	ON	2006/09/12 08:23
S12 1	719	369/59.25.ccls.	US-PGPUB; USPAT	OR	ON	2006/09/12 08:23
S12 2	57	369/30.11.ccls.	US-PGPUB; USPAT	OR	ON	2006/09/12 08:24
S12 3	2	S118 and (S120 or S121 or S122)	US-PGPUB; USPAT	OR	ON	2006/09/12 08:25
S12 4	224748	direction near2 (indicat\$5 or bit)	US-PGPUB; USPAT	OR	ON	2006/09/12 08:49
S12 5	62	S124 and (S120 or S121 or S122)	US-PGPUB; USPAT	OR	ON	2006/09/14 09:46
S12 6	1601	S124 WITH address	US-PGPUB; USPAT	OR	ON	2006/09/12 08:50
S12 7	7	S126 and (S120 or S121 or S122)	US-PGPUB; USPAT	OR	ON	2006/09/14 09:45
S12 8	95	(sector near2 identification) near2 signal	US-PGPUB; USPAT	OR	ON	2006/09/12 08:38
S12 9	7	S128 and (S120 or S121 or S122)	US-PGPUB; USPAT	OR	ON	2006/09/12 08:49
S13 0	2102	retrieval near2 (flag or indicat\$5 or bit)	US-PGPUB; USPAT	OR	ON	2006/09/12 08:54
S13 1	131	S130 WITH address	US-PGPUB; USPAT	OR	ON	2006/09/12 08:55

## EAST Search History

S13 2	1	S131 and (S120 or S121 or S122)	US-PGPUB; USPAT	OR	ON	2006/09/12 08:51
S13 3	258	S130 SAME address	US-PGPUB; USPAT	OR	ON	2006/09/12 08:51
S13 4	1	S133 and (S120 or S121 or S122)	US-PGPUB; USPAT	OR	ON	2006/09/12 08:51
S13 5	3	S130 and (S120 or S121 or S122)	US-PGPUB; USPAT	OR	ON	2006/09/12 08:55
S13 6	8640	gap near2 (flag or indicat\$5 or bit)	US-PGPUB; USPAT	OR	ON	2006/09/19 11:33
S13 7	91	S136 WITH address	US-PGPUB; USPAT	OR	ON	2006/09/12 08:56
S13 8	1	S137 and (S120 or S121 or S122)	US-PGPUB; USPAT	OR	ON	2006/09/12 08:56
S13 9	10	S137 and "369".cls.	US-PGPUB; USPAT	OR	ON	2006/09/12 08:55
S14 0	238	S136 WITH record\$5	US-PGPUB; USPAT	OR	ON	2006/09/12 08:56
S14 1	5	S140 and (S120 or S121 or S122)	US-PGPUB; USPAT	OR	ON	2006/09/12 08:56
S14 2	1668	(increment\$4 or decrement\$ or increas\$4 or decreas\$4) with address with direction	US-PGPUB; USPAT	OR	ON	2006/09/14 10:08
S14 3	178	369/47.3.ccls.	US-PGPUB; USPAT	OR	ON	2006/09/14 09:46
S14 4	719	369/59.25.ccls.	US-PGPUB; USPAT	OR	ON	2006/09/14 09:46
S14 5	57	369/30.11.ccls.	US-PGPUB; USPAT	OR	ON	2006/09/14 09:46
S14 6	26	S142 and (S143 or S144 or S145)	US-PGPUB; USPAT	OR	ON	2006/09/14 10:16
S14 7	113	(increment\$4 or decrement\$ or increas\$4 or decreas\$4) with address with direction with record\$4	US-PGPUB; USPAT	OR	ON	2006/09/14 09:48
S14 8	16	S147 and (S143 or S144 or S145)	US-PGPUB; USPAT	OR	ON	2006/09/14 09:48
S15 0	30670	(increment\$4 or decrement\$ or increas\$4 or decreas\$4) with (position or location) with direction	US-PGPUB; USPAT	OR	ON	2006/09/14 10:19
S15 1	10	S150 and (S143 or S144 or S145)	US-PGPUB; USPAT	OR	ON	2006/09/14 10:20

## EAST Search History

S15 2	103281	(increment\$4 or decrement\$ or increas\$4 or decreas\$4) near2 (flag or bit or indicat\$4)	US-PGPUB; USPAT	OR	ON	2006/09/14 10:20
S15 3	55	S152 and (S143 or S144 or S145)	US-PGPUB; USPAT	OR	ON	2006/09/14 10:36
S15 4	4355	address near2 flag	US-PGPUB; USPAT	OR	ON	2006/09/14 10:36
S15 5	13	S154 and (S143 or S144 or S145)	US-PGPUB; USPAT	OR	ON	2006/09/14 10:42
S16 0	18986	(gap or retriev\$4) near2 (flag or indicat\$4 or bit)	US-PGPUB; USPAT	OR	ON	2006/09/14 10:42
S16 1	24	S160 and (S143 or S144 or S145)	US-PGPUB; USPAT	OR	ON	2006/09/14 10:48
S16 5	1177	(error near2 (data or signal)) WITH (management or TOC or "table of contents")	US-PGPUB; USPAT	OR	ON	2006/09/14 10:48
S16 6	11	S165 and (S143 or S144 or S145)	US-PGPUB; USPAT	OR	ON	2006/09/14 15:21
S16 7	133	S165 and "369".clas.	US-PGPUB; USPAT	OR	ON	2006/09/14 11:00
S16 8	122	S167 not S166	US-PGPUB; USPAT	OR	ON	2006/09/14 11:01
S16 9	22740	((reset or updat\$5) near3 flag)	US-PGPUB; USPAT	OR	ON	2006/09/14 15:20
S17 0	19	S169 and (S143 or S144 or S145)	US-PGPUB; USPAT	OR	ON	2006/09/14 15:21
S17 1	233	369/53.24.CCLS.	US-PGPUB; USPAT	OR	ON	2006/09/18 14:29
S17 2	36609	utoc or u-toc or toc or (table near2 contents)	US-PGPUB; USPAT	OR	ON	2006/09/18 14:30
S17 3	86	S171 and S172	US-PGPUB; USPAT	OR	ON	2006/09/18 14:30
S17 4	166958	flag	US-PGPUB; USPAT	OR	ON	2006/09/18 14:30
S17 5	53	S171 and S174	US-PGPUB; USPAT	OR	ON	2006/09/18 14:30
S17 6	120	S173 or S175	US-PGPUB; USPAT	OR	ON	2006/09/18 14:31
S17 8	1100	"direction flag"	US-PGPUB; USPAT	OR	ON	2006/09/19 11:33
S17 9	233	369/53.24.CCLS.	US-PGPUB; USPAT	OR	ON	2006/09/19 11:33
S18 1	226226	direction near2 (flag or indicat\$5 or bit)	US-PGPUB; USPAT	OR	ON	2006/09/19 11:36

## EAST Search History

S18 3	12	S181 and S179	US-PGPUB; USPAT	OR	ON	2006/09/19 11:37
S18 4	18902	(gap or retriev\$3 or reteiv\$3) near2 (flag or indicat\$5 or bit)	US-PGPUB; USPAT	OR	ON	2006/09/19 11:37
S18 5	7	S184 and S179	US-PGPUB; USPAT	OR	ON	2006/09/19 11:37
S18 6	28	"5598391"	US-PGPUB; USPAT	OR	ON	2006/09/19 16:00